


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application )  
 )  
 Applicant: Sawasaki et al. )  
 )  
 Div. of )  
 Serial No. 10/166,119 )  
 )  
 Filed: June 10, 2002 )  
 )  
 For: SUBSTRATE FOR LIQUID )  
 CRYSTAL DISPLAY, LIQUID )  
 CRYSTAL DISPLAY HAVING )  
 THE SAME AND METHOD OF )  
 MANUFACTURING THE )  
 SAME )  
 )  
 Art Unit: 2871 )  
 Examiner: Di Grazio, Jeanne A. )

*I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

Nov. 24, 2003  
 Date

  
 Express Mail No. EV032735520US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office				Attorney Docket No.: 1324.68723		Div. of Serial No.: 10/166,119	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Sawasaki et al.			
				Filing Date: June 10, 2002		Group: 2871	
U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	5,430,562	Jul. 4, 1995	Fushimi et al.	359	40	Jan. 24, 1994	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	5-072626	Mar. 26, 1993	Japan			Abs.	
	2000-187223	Jul. 4, 2000	Japan			Abs.	
	2000-231098	Aug. 22, 2000	Japan			Abs.	
	2000-267073	Sep. 29, 2000	Japan			Abs.	
	2000-338525	Dec. 8, 2000	Japan			Abs.	
	6-222355*	Aug. 12, 1994	Japan				X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner				Date Considered			
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

\*USPN 5,430,562 is the counterpart application.